

--ABSTRACT OF THE DISCLOSURE

A pulsed detonation engine may include a flame tube with a lateral wall and a transverse base defining a combustion chamber and a supply device cyclically feeding said combustion chamber with a combustible charge. The transverse base of the flame tube may be movable for reciprocating in translation inside said flame tube in order to be able to occupy two boundary positions, a first position corresponding to the detonation phase of the combustible charge in the combustion chamber of said flame tube and a second position corresponding to the phase wherein the combustible charge is supplied to said combustion chamber.--